

# #008 : Artificial Intelligence in Supply Chain Planning : Part 2/3

## How AI Enables in Synchronized Planning

Artificial Intelligence enables Synchronized Planning, which is more dynamic, flexible and efficient.

- A.** Shifting from sequential to concurrent planning
- B.** Forecasting casual factors and demand drivers
- C.** Pivoting from deterministic to optimized supply
- D.** Automating processes with artificial intelligence
- E.** Creating synchronous planning ecosystems

## Major Impacts

1

### Improvement in Forecast Accuracy

Enabling measurements and tracking of maximum factors which can work towards improving accuracy in demand forecasting. Real time data can be used to provide continuous forecasts in a loop.

2

### Control of Demand Drivers

Analysis and forecasting of impacts of different demand drivers. Optimizing margins by influencing controllable demand factors

3

### Process Automation

Leveraging cognitive learning, AI and computer-to-computer connectivity to automate decision-making process. Using automation to drive resource efficiencies and improve process effectiveness.

4

### Improvement of optimization methods

Enabling large scale decision optimization by use of self-learning heuristics. Automating customization of algorithm configuration for different class of problems.

5

### Anomaly Detection

Detecting anomalies in different supply chain entities. Examples: inventory record mismatch, stockouts, delivery delay, disruptions, etc.

Up Next > Part 3/3 : Exactly How Supply Chain Planning is Done using Artificial Intelligence (2)?